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TITLE : METHOD FOR COMPOSTING ORGANIC SLUDGE AND DEVICE THEREFOR

ABSTRACT : PURPOSE: To shorten the time in producing org. manure by fermentation of an org. sludge.

CONSTITUTION: The org. sludge having 60-75% water content is made to the small lump having 3-20mm max. diameter, and the lump is housed into a fermentation tank provided with a feed/exhaust device and a heating device, and heated up to $\geq 40^{\circ}\text{C}$ to promote the start of fermentation, then, the oxygen content in the fermentation tank is maintained in 5-20% and the temp. of the org. sludge is maintained at $55-65^{\circ}\text{C}$, and after fermentation is almost finished, the org. sludge is dried and the compost as a product is obtained. In this way, the fermentation is finished for the period one several that of the conventional method and a perfectly fermented org. manure is obtained.

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